

SNOHOMISH RIVER BASIN

1

12137300 SPADA LAKE NEAR STARTUP, WA

LOCATION.--Lat 47°58'28", long 121°41'10", in NW 1/4 sec.29, T.29 N., R.9 E., Snohomish County, Hydrologic Unit 17110009, on right bank at Culmbach Dam on Sultan River, 1.7 mi downstream from South Fork, 7.8 mi north of Startup, and at mile 16.5.

DRAINAGE AREA.--68.3 mi<sup>2</sup>.

PERIOD OF RECORD.--April 1965 to current year.

REVISED RECORDS.--WDR WA-79-1: 1975-76(M). WA-95-1: 1994.

GAGE.--Nonrecording gage. Datum of gage is sea level (levels by Snohomish County P.U.D. No. 1).

REMARKS.--Reservoir is formed by earthfill dam originally completed to elevation 1,408 ft in 1965. Storage began April 5, 1965 for water supply for the City of Everett. During 1983 the dam was raised to elevation 1,470 ft with storage beginning November 1983. Capacity was increased to 153,260 acre-feet at elevation 1,450 ft, crest of spillway. Normal operating pool is between elevations 1,420 ft and 1,450 ft. Figures given herein represent total contents. Spada Lake is used to provide water for the City of Everett, and since June 1, 1984, power generation for Snohomish County Public Utility District No. 1.

COOPERATION.--Elevation at 1200 and 2400 hours and capacity table furnished by Snohomish County Public Utility District No. 1.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 164,599 acre-ft Nov. 23, 1990, elevation, 1,455.8 ft; minimum contents observed since reservoir was first filled, 4,250 acre-ft Sept. 30, 1967, elevation, 1,301.28 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents observed, 149,156 acre-ft Dec. 19, elevation, 1,447.2 ft; minimum contents observed, 84,714 acre-ft Oct. 6, elevation, 1,407.7 ft.

MONTHEND ELEVATION AND CONTENTS AT 2400, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

Date	Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)
Sept. 30.....	1,411.2	89,500	+19,041
Oct. 31.....	1,419.5	101,502	+12,002
Nov. 30.....	1,425.9	111,541	+10,039
Dec. 31.....	1,437.4	130,607	+19,066
CAL YR 1999.....			-11,533
Jan. 31.....	1,416.8	97,598	-33,009
Feb. 29.....	1,420.5	103,015	+5,417
Mar. 31.....	1,427.0	113,278	+10,263
Apr. 30.....	1,435.9	128,055	+14,777
May 31.....	1,442.5	139,588	+11,533
June 30.....	1,443.1	140,681	+1,093
July 31.....	1,438.8	132,989	-7,692
Aug. 31.....	1,428.1	115,015	-17,974
Sept. 30.....	1,425.2	110,436	-4,579
WTR YR 2000.....	--	--	+20,936